

# EG480 Earth Ground Resistance Tester Kit

## 2 and 3-wire earth ground resistance measurements

### Features:

- Measures earth ground resistance from 20Ω to 2000Ω
- Dual LCD display with backlight
- Multimeter functions: AC/DC Voltage and Resistance
- Data Hold freezes reading on the display
- Auto power off and low battery indicator
- Overmolded housing for added durability
- Complete with protective holster, test leads, (2) auxiliary earth rods, (6) AA batteries, and carrying case
- Optional model complete with Certificate of Traceability to N.I.S.T.
- 1 year warranty

### Applications:

An earth ground is used as a zero-volt reference point for power substations, buildings, communication towers, and as a path to dissipate lightning strikes to prevent damage to them. The NEC (National Electrical Code) requires that a single path to ground should be 25 ohms or less. If it is higher than 25 ohms, you should add an additional ground rod 6 feet away. The Earth Ground Resistance Tester provides an easy way to check this reading in installed systems or for a good location to install a new system.



### Specifications

Earth Resistance	20,200, 2000
Accuracy	±2%
Resolution	0.01
Earth Voltage	200V
AC/DC Voltage	750ACV/1000VDC
Resistance	200k
Continuity	<40
Power	(6) AA batteries
Safety Category	CAT III 1000V
Dimensions	7.8 x 3.6 x 1.9" (200 x 92 x 50mm)
Weight	1.5lbs (700g)



### Ordering Information:

EG480 Earth Ground Resistance Tester Kit  
EG480-NIST EG480 Including Certificate of Traceability to N.I.S.T.

